26/11/2004   10809125

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NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3   SEP 01   INPADOC: New family current-awareness alert (SDI) available
NEWS 4   SEP 01   New pricing for the Save Answers for SciFinder Wizard within
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NEWS 5   SEP 01   New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
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NEWS 7   SEP 27   SWETSCAN will no longer be available on STN
NEWS 8   OCT 28   KOREAPAT now available on STN
NEWS 9   NOV 18   Current-awareness alerts, saved answer sets, and current
                   search transcripts to be affected by CERAB, COMPUAB, ELCOM,
                   and SOLIDSTATE reloads

NEWS EXPRESS   OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
                MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
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    * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 19:23:14 ON 26 NOV 2004

=> FILE REG
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                   ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 19:23:22 ON 26 NOV 2004
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                              Page 1   Saeed

Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 24 NOV 2004   HIGHEST RN 788132-72-9
DICTIONARY FILE UPDATES: 24 NOV 2004   HIGHEST RN 788132-72-9
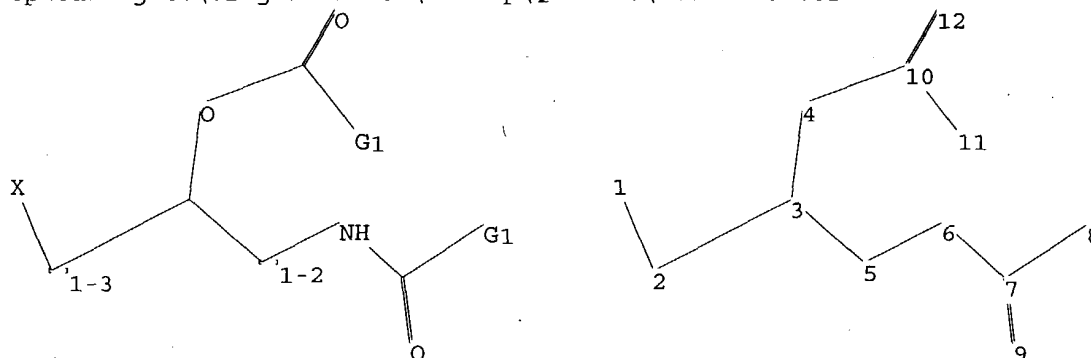
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

Crossover limits have been increased.   See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10809125.str

chain nodes :
1   2   3   4   5   6   7   8   9   10   11   12
chain bonds :
1-2   2-3   3-4   3-5   4-10   5-6   6-7   7-8   7-9   10-11   10-12
exact/norm bonds :
3-4   4-10   5-6   6-7   7-8   7-9   10-11   10-12
exact bonds :
1-2   2-3   3-5

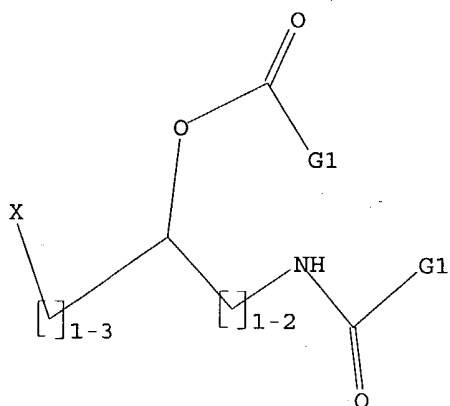G1:CF2,CF3,CCl2,CCl3,CBr2,CBr3

Match level :
1:CLASS   2:CLASS   3:CLASS   4:CLASS   5:CLASS   6:CLASS   7:CLASS   8:CLASS   9:CLASS
10:CLASS   11:CLASS   12:CLASS

L1   STRUCTURE UPLOADED

=> D
L1 HAS NO ANSWERS
L1   STR

G1 CF2,CF3,CCl2,CCl3,CBr2,CBr3

Structure attributes must be viewed using STN Express query preparation.

=> S L1 FULL
FULL SEARCH INITIATED 19:23:50 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   2175 TO ITERATE

100.0% PROCESSED   2175 ITERATIONS   9 ANSWERS
SEARCH TIME: 00.00.01

L2   9 SEA SSS FUL L1

=> FILE CAPLUS
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                 ENTRY   SESSION
FULL ESTIMATED COST   155.42   155.63

FILE 'CAPLUS' ENTERED AT 19:23:56 ON 26 NOV 2004
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FILE COVERS 1907 - 26 Nov 2004 VOL 141 ISS 23
FILE LAST UPDATED: 25 Nov 2004 (20041125/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> S L2

L3   2 L2
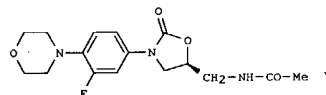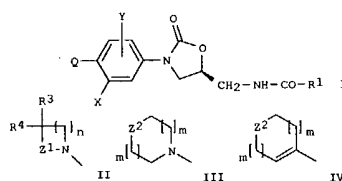
=> D IBIB ABS HITSTR TOT

L3   ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:832754 CAPLUS
DOCUMENT NUMBER: 137:337876
TITLE: Preparation of pharmaceutically active
                         (S)-2-oxo-5-oxazolidinylmethylacetamides via a one
                         step process from (S)-acetamidoacetoxypropanes and
                         N-aryl-O-alkylcarbamates
INVENTOR(S):   Perrault, William R.; Pearlman, Bruce A.; Godrej,
                         Delara B.
PATENT ASSIGNEE(S):   Pharmacia & Upjohn Company, USA
SOURCE: PCT Int. Appl., 30 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

      PATENT NO.   KIND DATE   APPLICATION NO.   DATE
      ----------   ---- --------   ----------------------   --------
      WO 2002085849   A2   20021031   WO 2002-US8261   20020415
      WO 2002085849   A3   20030306
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
             TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
             CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
      US 2002169312   A1   20021114   US 2002-122852   20020415
      US 2004220407   A1   20041104   US 2004-809125   20040325
PRIORITY APPLN. INFO.:   US 2001-285586P   P 20010420

                                           US 2002-365581P   P 20020319

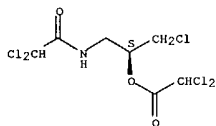   US 2002-122852   A3 20020415

OTHER SOURCE(S):   CASREACT 137:337876; MARPAT 137:337876
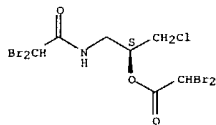GI

AB   Title compds. I [X, Y = H, F; Q = II, III, IV, etc. or Q and X together =
     dihydropyrrolidine (un)substituted with R5; R1 = CH3 optionally
     substituted by 1-3 F or Cl atoms; R3 = H, CH3; R4 = H, OH, alkyl, etc.;
R5
     = COCH3, CHO, COCHCl2, etc.; Z1 = CH2(CH2)p, CH(OH)(CH2)p, CO; Z2 = S,
SO,
     SO2, etc.; m = 0-1; n = 1-3; p= 0-2] were prepd via a one step process
     from (S)-acetamidoacetoxypropanes and N-aryl-O-alkylcarbamates. For
     example, to a solution of N-carbobenzoxy-3-fluoro-4-morpholinylaniline
(3.125
     mmol) in DMF (2.0 mL) and MeOH (6.32 mmol) was added a solution of
lithium
     tert-butoxide in THF (9.39 mmol), while keeping the reaction temperature
less
     than 25 °C with an ice bath. The solution was cooled to 5 °C
     and (S)-N-[2-(acetyloxy)-3-chloropropyl]acetamide (6.234 mmol) added in
     one portion. The reaction was allowed to stand for 21 h at 21 °C,
     then quenched with saturated aqueous NH4CL (5.0 mL), H2O (30 mL), brine
(20 mL)
     and CH2Cl2 (20 mL). The organic layer was separated, the aqueous phase
washed with
     CH2Cl2 (3 X 20 mL) and the combined CH2Cl2 fractions dried over anhydrous
     Mg2SO4 and concentrated in vacuo to an oil. The residue was dissolved in
     xylenes (25 mL), followed by vacuum filtration of the crystalline
material to
     provided oxazolidinylmethylacetamide V in 61.8 % yield. A key-step of
the
     process is the in situ generation of (S)-N-oxiranylmethylacetamide, which
     is an unstable chiral epoxide that can not be isolated on large scale by
     the prior art. Approx. 5-specific claimed examples of I and one

L3   ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN   (Continued)

L3   ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN   (Continued)
     intermediate were prepd.
IT   474021-98-2P 474021-99-3P 474022-02-1P
     474022-03-2P 474022-05-4P 474022-06-5P
     RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic
     preparation); PREP (Preparation); RACT (Reactant or reagent)
        (intermediate; preparation of oxazolidinylmethylacetamides via a one
step
        process from N-aryl-O-alkylcarbamates and acetamidoacetoxypropanes)
RN   474021-98-2 CAPLUS
CN   Acetic acid, dichloro-,
     (1S)-2-chloro-1-[[(dichloroacetyl)amino]methyl]eth
     yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

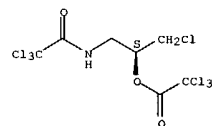RN   474021-99-3 CAPLUS
CN   Acetic acid, dibromo-,
     (1S)-2-chloro-1-[[(dibromoacetyl)amino]methyl]ethyl
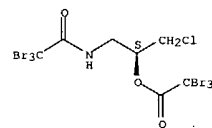   ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN   474022-02-1 CAPLUS
CN   Acetic acid, trichloro-, (1S)-1-(chloromethyl)-2-
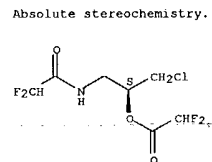   [(trichloroacetyl)amino]ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN   474022-03-2 CAPLUS
CN   Acetic acid, tribromo-, (1S)-1-(chloromethyl)-2-
     [(tribromoacetyl)amino]ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN   474022-05-4 CAPLUS
CN   Acetic acid, difluoro-,
     (1S)-2-chloro-1-[[(difluoroacetyl)amino]methyl]eth
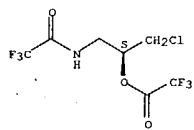   yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN   474022-06-5 CAPLUS
CN   Acetic acid, trifluoro-, (1S)-1-(chloromethyl)-2-
     [(trifluoroacetyl)amino]ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L3   ANSWER 1 OF 2   CAPLUS   COPYRIGHT 2004 ACS on STN   (Continued)

L3   ANSWER 2 OF 2   CAPLUS   COPYRIGHT 2004 ACS on STN
```
ACCESSION NUMBER:        1975:514272  CAPLUS
DOCUMENT NUMBER:         83:114272
TITLE:                   Reactions of amino acids with trifluoroacetic
                         anhydride.  III.  41-Substituted 2-trifluoromethyl-4-
                         (3,3,3-trifluoro-2-trifluoroacetoxypropylidene)-2-
                         oxazolin-5-ones
AUTHOR(S):               Austel, Volkhard; Steglich, Wolfgang
CORPORATE SOURCE:        Org.-Chem. Inst., Tech. Univ. Berlin, Berlin, Fed.
                         Rep. Ger.
SOURCE:                  Chemische Berichte (1975), 108(7), 2361-7
                         CODEN: CHBEAM; ISSN: 0009-2940
DOCUMENT TYPE:           Journal
LANGUAGE:                German
OTHER SOURCE(S):         CASREACT 83:114272
```
GI   For diagram(s), see printed CA Issue.
AB   Enol trifluoroacetates I (R = H, Me, Et, Ph) rearrange to the title
     compds. II on heating in MeCN. The stereochem. and mechanism of the
     reaction are discussed. Addition of MeOH to 4-ethylideneoxazolinone III
gave
     2-methoxyoxazolinone IV.
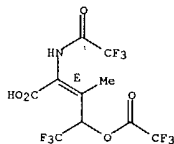IT   **56945-42-7P 57002-47-8P**
     RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
     (Reactant or reagent)
       (preparation and hydrolysis of)
RN   56945-42-7 CAPLUS
CN   2-Pentenoic acid, 5,5,5-trifluoro-3-methyl-2-[(trifluoroacetyl)amino]-4-
     [(trifluoroacetyl)oxy]-, (E)- (9CI) (CA INDEX NAME)
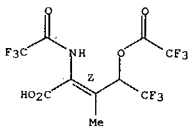
Double bond geometry as shown.

RN   57002-47-8 CAPLUS
CN   2-Pentenoic acid, 5,5,5-trifluoro-3-methyl-2-[(trifluoroacetyl)amino]-4-
     [(trifluoroacetyl)oxy]-, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

L3   ANSWER 2 OF 2   CAPLUS   COPYRIGHT 2004 ACS on STN   (Continued)

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